## **EAST Search History**

## **EAST Search History (Prior Art)**

| Ref # | Hits    | Search Query  | DBs                | Default<br>Operator | Plurals | Time Stamp          |
|-------|---------|---|--------------------|---------------------|---------|---------------------|
| L1    | 3059949 | update modify<br>modification change<br>edit        | US-PGPUB;<br>USPAT | OR                  | OFF     | 2010/06/16<br>21:10 |
| L2    | 1075024 | trigger submit<br>submission activate<br>activation | US-PGPUB;<br>USPAT | OR                  | OFF     | 2010/06/16<br>21:10 |
| L3    | 2135308 | element   | US-PGPUB;<br>USPAT | OR                  | OFF     | 2010/06/16<br>21:10 |
| L4    | 4547768 | data text item attribute                            | US-PGPUB;<br>USPAT | OR                  | OFF     | 2010/06/16<br>21:10 |
| L5    | 407762  | L1 with L4  | US-PGPUB;<br>USPAT | OR                  | OFF     | 2010/06/16<br>21:10 |
| L6    | 81173   | invoke invocation                                   | US-PGPUB;<br>USPAT | OR                  | OFF     | 2010/06/16<br>21:10 |
| L7    | 5506    | L1 with L6  | US-PGPUB;<br>USPAT | OR                  | OFF     | 2010/06/16<br>21:10 |
| L8    | 138364  | L1 with L3  | US-PGPUB;<br>USPAT | OR                  | OFF     | 2010/06/16<br>21:10 |
| L9    | 1118705 | L2 L6   | US-PGPUB;<br>USPAT | OR                  | OFF     | 2010/06/16<br>21:10 |
| L10   | 517693  | L1 with (L3 L4)                                     | US-PGPUB;<br>USPAT | OR                  | OFF     | 2010/06/16<br>21:10 |
| L11   | 10589   | L9 with L10   | US-PGPUB;<br>USPAT | OR                  | OFF     | 2010/06/16<br>21:10 |
| L12   | 5217798 | @ad < "20050304"                                    | US-PGPUB;<br>USPAT | OR                  | OFF     | 2010/06/16<br>21:10 |
| L13   | 4709436 | @ad < "20040310"                                    | US-PGPUB;<br>USPAT | OR                  | OFF     | 2010/06/16<br>21:10 |
| L14   | 4962    | L11 and L13   | US-PGPUB;<br>USPAT | OR                  | OFF     | 2010/06/16<br>21:10 |
| L15   | 1328544 | cyclic cycle  | US-PGPUB;<br>USPAT | OR                  | OFF     | 2010/06/16<br>21:10 |
| L16   | 12647   | L15 adj3 L1   | US-PGPUB;<br>USPAT | OR                  | OFF     | 2010/06/16<br>21:10 |
| L17   | 74      | L14 and L16   | US-PGPUB;<br>USPAT | OR                  | OFF     | 2010/06/16<br>21:10 |
| L18   | 5975    | (715/234 715/243<br>715/254).ccls.                  | US-PGPUB;<br>USPAT | OR                  | OFF     | 2010/06/16<br>21:10 |

| L19 | 1075024 | trigger submit<br>submission activate<br>activation   | US-PGPUB;<br>USPAT           | OR | OFF | 2010/06/16<br>21:10 |
|-----|---------|---|------------------------------|----|-----|---------------------|
| L20 | 2135308 | element   | US-PGPUB;<br>USPAT           | OR | OFF | 2010/06/16<br>21:10 |
| L21 | 81173   | invoke invocation   | US-PGPUB;<br>USPAT           | OR | OFF | 2010/06/16<br>21:10 |
| L22 | 1118705 | L19 L21   | US-PGPUB;<br>USPAT           | OR | OFF | 2010/06/16<br>21:10 |
| L23 | 4709436 | @ad < "20040310"  | US-PGPUB;<br>USPAT           | OR | OFF | 2010/06/16<br>21:10 |
| L24 | 5975    | (715/234 715/243<br>715/254).ccls.  | US-PGPUB;<br>USPAT           | OR | OFF | 2010/06/16<br>21:10 |
| L25 | 7       | ("6314415" "5745712"<br>"6684188").pn.<br>"20030188260"<br>"20030074636"<br>"20030018481"   | US-PGPUB;<br>USPAT           | OR | OFF | 2010/06/16<br>21:10 |
| L26 | 80      | ("4558413"  <br>"5181162"   "5193185"<br>  "5630025"  <br>"5696885"   "5712960"<br>  "5720007"  <br>"5806056"   "5822745"<br>  "5835683"  <br>"5870768"   "6081786"<br>  "6185733").PN. OR<br>("6314415").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/06/16<br>21:10 |
| L27 | 2135308 | element   | US-PGPUB;<br>USPAT           | OR | OFF | 2010/06/16<br>21:10 |
| L28 | 81173   | invoke invocation   | US-PGPUB;<br>USPAT           | OR | OFF | 2010/06/16<br>21:10 |
| L29 | 5975    | (715/234 715/243<br>715/254).ccls.  | US-PGPUB;<br>USPAT           | OR | OFF | 2010/06/16<br>21:10 |
| L30 | 2135308 | element   | US-PGPUB;<br>USPAT           | OR | OFF | 2010/06/16<br>21:10 |
| L31 | 81173   | invoke invocation   | US-PGPUB;<br>USPAT           | OR | OFF | 2010/06/16<br>21:10 |
| L32 | 5975    | (715/234 715/243<br>715/254).ccls.  | US-PGPUB;<br>USPAT           | OR | OFF | 2010/06/16<br>21:10 |
| L33 | 3575    | acyclic near2 graph   | US-PGPUB;<br>USPAT           | OR | OFF | 2010/06/16<br>21:16 |
| L34 | 7742    | (determin\$5) with 6  | US-PGPUB;<br>USPAT           | OR | OFF | 2010/06/16<br>21:17 |
| L35 | 0       | 33 with 34  | US-PGPUB;<br>USPAT           | OR | OFF | 2010/06/16<br>21:18 |

| L36 | 0       | 33 same 34  | US-PGPUB;<br>USPAT | OR | OFF | 2010/06/16<br>21:18 |
|-----|---------|---|--------------------|----|-----|---------------------|
| L37 | 7888    | 1 adj2 2  | US-PGPUB;<br>USPAT | OR | OFF | 2010/06/16<br>21:18 |
| L38 | 2       | 33 and 34 and 37                                    | US-PGPUB;<br>USPAT | OR | OFF | 2010/06/16<br>21:19 |
| S1  | 2721751 | update modify<br>modification change<br>edit        | US-PGPUB;<br>USPAT | OR | OFF | 2009/03/25<br>15:01 |
| S2  | 944099  | trigger submit<br>submission activate<br>activation | US-PGPUB;<br>USPAT | OR | OFF | 2009/03/25<br>15:01 |
| S3  | 1899949 | element   | US-PGPUB;<br>USPAT | OR | OFF | 2009/03/25<br>15:01 |
| S4  | 4195207 | data text item attribute                            | US-PGPUB;<br>USPAT | OR | OFF | 2009/03/25<br>15:01 |
| S5  | 347564  | S1 with S4  | US-PGPUB;<br>USPAT | OR | OFF | 2009/03/25<br>15:02 |
| S6  | 68639   | invoke invocation                                   | US-PGPUB;<br>USPAT | OR | OFF | 2009/03/25<br>15:02 |
| S7  | 4640    | S1 with S6  | US-PGPUB;<br>USPAT | OR | OFF | 2009/03/25<br>15:03 |
| S8  | 120485  | S1 with S3  | US-PGPUB;<br>USPAT | OR | OFF | 2009/03/25<br>15:03 |
| S9  | 981178  | S2 S6   | US-PGPUB;<br>USPAT | OR | OFF | 2009/03/25<br>15:03 |
| S10 | 444558  | S1 with (S3 S4)                                     | US-PGPUB;<br>USPAT | OR | OFF | 2009/03/25<br>15:03 |
| S11 | 8681    | S9 with S10   | US-PGPUB;<br>USPAT | OR | OFF | 2009/03/25<br>15:04 |
| S12 | 5158210 | @ad < "20050304"                                    | US-PGPUB;<br>USPAT | OR | OFF | 2009/03/25<br>15:04 |
| S13 | 4681655 | @ad < "20040310"                                    | US-PGPUB;<br>USPAT | OR | OFF | 2009/03/25<br>15:04 |
| S14 | 4814    | S11 and S13   | US-PGPUB;<br>USPAT | OR | OFF | 2009/03/25<br>15:04 |
| S15 | 1195101 | cyclic cycle  | US-PGPUB;<br>USPAT | OR | OFF | 2009/03/25<br>15:05 |
| S16 | 11286   | S15 adj3 S1   | US-PGPUB;<br>USPAT | OR | OFF | 2009/03/25<br>15:05 |
| S17 | 73      | S14 and S16   | US-PGPUB;<br>USPAT | OR | OFF | 2009/03/25<br>15:05 |
| S18 | 5028    | (715/234 715/243<br>715/254).ccls.                  | US-PGPUB;<br>USPAT | OR | OFF | 2009/03/25<br>15:05 |

| S19         | 2824909 | update modify<br>modification change<br>edit  | US-PGPUB;<br>USPAT | OR | OFF | 2009/08/14<br>10:29 |
|-------------|---------|---|--------------------|----|-----|---------------------|
| S20         | 984158  | trigger submit<br>submission activate<br>activation                                       | US-PGPUB;<br>USPAT | OR | OFF | 2009/08/14<br>10:29 |
| S21         | 1971965 | element   | US-PGPUB;<br>USPAT | OR | OFF | 2009/08/14<br>10:29 |
| S22         | 4303380 | data text item attribute  | US-PGPUB;<br>USPAT | OR | OFF | 2009/08/14<br>10:29 |
| S23         | 365858  | S19 with S22  | US-PGPUB;<br>USPAT | OR | OFF | 2009/08/14<br>10:29 |
| S24         | 72529   | invoke invocation   | US-PGPUB;<br>USPAT | OR | OFF | 2009/08/14<br>10:29 |
| S25         | 4900    | S19 with S24  | US-PGPUB;<br>USPAT | OR | OFF | 2009/08/14<br>10:29 |
| S26         | 126003  | S19 with S21  | US-PGPUB;<br>USPAT | OR | OFF | 2009/08/14<br>10:29 |
| S27         | 1023291 | S20 S24   | US-PGPUB;<br>USPAT | OR | OFF | 2009/08/14<br>10:29 |
| S28         | 466861  | S19 with (S21 S22)  | US-PGPUB;<br>USPAT | OR | OFF | 2009/08/14<br>10:29 |
| S29         | 9272    | S27 with S28  | US-PGPUB;<br>USPAT | OR | OFF | 2009/08/14<br>10:29 |
| S30         | 5179122 | @ad < "20050304"  | US-PGPUB;<br>USPAT | OR | OFF | 2009/08/14<br>10:29 |
| S31         | 4691486 | @ad < "20040310"  | US-PGPUB;<br>USPAT | OR | OFF | 2009/08/14<br>10:29 |
| S32         | 4858    | S29 and S31   | US-PGPUB;<br>USPAT | OR | OFF | 2009/08/14<br>10:29 |
| S33         | 1235661 | cyclic cycle  | US-PGPUB;<br>USPAT | OR | OFF | 2009/08/14<br>10:29 |
| S34         | 11694   | S33 adj3 S19  | US-PGPUB;<br>USPAT | OR | OFF | 2009/08/14<br>10:29 |
| <b>S</b> 35 | 74      | S32 and S34   | US-PGPUB;<br>USPAT | OR | OFF | 2009/08/14<br>10:29 |
| S36         | 5285    | (715/234 715/243<br>715/254).ccls.  | US-PGPUB;<br>USPAT | OR | OFF | 2009/08/14<br>10:29 |
| <b>S</b> 37 | 7       | ("6314415" "5745712"<br>"6684188").pn.<br>"20030188260"<br>"20030074636"<br>"20030018481" | US-PGPUB;<br>USPAT | OR | OFF | 2010/03/23<br>14:08 |

| S38         | 70      | ("4558413"  <br>"5181162"   "5193185"<br>  "5630025"  <br>"5696885"   "5712960"<br>  "5720007"  <br>"5806056"   "5822745"<br>  "5835683"  <br>"5870768"   "6081786"<br>  "6185733").PN. OR<br>("6314415").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/03/23<br>14:35 |
|-------------|---------|---|------------------------------|----|-----|---------------------|
| <b>S</b> 39 | 2989385 | update modify<br>modification change<br>edit  | US-PGPUB;<br>USPAT           | OR | OFF | 2010/03/23<br>14:35 |
| S40         | 1047615 | trigger submit<br>submission activate<br>activation   | US-PGPUB;<br>USPAT           | OR | OFF | 2010/03/23<br>14:35 |
| S41         | 2086387 | element   | US-PGPUB;<br>USPAT           | OR | OFF | 2010/03/23<br>14:35 |
| S42         | 4474417 | data text item attribute  | US-PGPUB;<br>USPAT           | OR | OFF | 2010/03/23<br>14:35 |
| S43         | 394938  | S39 with S42  | US-PGPUB;<br>USPAT           | OR | OFF | 2010/03/23<br>14:35 |
| S44         | 78441   | invoke invocation   | US-PGPUB;<br>USPAT           | OR | OFF | 2010/03/23<br>14:35 |
| S45         | 5324    | S39 with S44  | US-PGPUB;<br>USPAT           | OR | OFF | 2010/03/23<br>14:35 |
| S46         | 134676  | S39 with S41  | US-PGPUB;<br>USPAT           | OR | OFF | 2010/03/23<br>14:35 |
| S47         | 1089856 | S40 S44   | US-PGPUB;<br>USPAT           | OR | OFF | 2010/03/23<br>14:35 |
| S48         | 502218  | S39 with (S41 S42)  | US-PGPUB;<br>USPAT           | OR | OFF | 2010/03/23<br>14:35 |
| S49         | 10221   | S47 with S48  | US-PGPUB;<br>USPAT           | OR | OFF | 2010/03/23<br>14:35 |
| S50         | 5206971 | @ad < "20050304"  | US-PGPUB;<br>USPAT           | OR | OFF | 2010/03/23<br>14:35 |
| S51         | 4704389 | @ad < "20040310"  | US-PGPUB;<br>USPAT           | OR | OFF | 2010/03/23<br>14:35 |
| S52         | 4938    | S49 and S51   | US-PGPUB;<br>USPAT           | OR | OFF | 2010/03/23<br>14:35 |
| S53         | 1300765 | cyclic cycle  | US-PGPUB;<br>USPAT           | OR | OFF | 2010/03/23<br>14:35 |
| S54         | 12335   | S53 adj3 S39  | US-PGPUB;<br>USPAT           | OR | OFF | 2010/03/23<br>14:35 |
| S55         | 74      | S52 and S54   | US-PGPUB;<br>USPAT           | OR | OFF | 2010/03/23<br>14:35 |

| S56 | 5760    | (715/234 715/243<br>715/254).ccls.           | US-PGPUB;<br>USPAT | OR | OFF | 2010/03/23<br>14:35 |
|-----|---------|--|--------------------|----|-----|---------------------|
| S57 | 2989385 | update modify<br>modification change<br>edit | US-PGPUB;<br>USPAT | OR | OFF | 2010/03/23<br>14:35 |
| S58 | 2086387 | element                                      | US-PGPUB;<br>USPAT | OR | OFF | 2010/03/23<br>14:35 |
| S59 | 78441   | invoke invocation                            | US-PGPUB;<br>USPAT | OR | OFF | 2010/03/23<br>14:35 |
| S60 | 5324    | S57 with S59                                 | US-PGPUB;<br>USPAT | OR | OFF | 2010/03/23<br>14:35 |
| S61 | 134676  | S57 with S58                                 | US-PGPUB;<br>USPAT | OR | OFF | 2010/03/23<br>14:35 |
| S62 | 5206971 | @ad < "20050304"                             | US-PGPUB;<br>USPAT | OR | OFF | 2010/03/23<br>14:35 |
| S63 | 5760    | (715/234 715/243<br>715/254).ccls.           | US-PGPUB;<br>USPAT | OR | OFF | 2010/03/23<br>14:35 |

## **EAST Search History (Interference)**

< This search history is empty>

## 6/16/10 9:20:34 PM

 $\textbf{C:} \ \textbf{Documents} \ \textbf{AST} \ \textbf{Workspaces} \ \textbf{10598654-final2.} \\ \textbf{wsp}$